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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/863,462	05/24/2001	Yasuo Mori	35.C12867 Div.	1831

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EXAMINER

WALLERSON, MARK E

ART UNIT	PAPER NUMBER
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2622

DATE MAILED: 04/22/2003

7

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/863,462

Applicant(s)

Mori et al

Examiner

Mark Wallerson

Art Unit

2622

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136 (a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on Feb 6, 2003.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1 and 58-66 is/are pending in the application.
- 4a) Of the above, claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1 and 58-66 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claims _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☒ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☒ Certified copies of the priority documents have been received in Application No. 09/123,365.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- *See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s). _____ 6) ☐ Other:

Art Unit: 2622

Part III DETAILED ACTION

Notice to Applicant(s)

1. This action is responsive to the following communications: amendment filed on **2/6/2003**.
2. This application has been reconsidered. Claims 1 and 58-66 are pending.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

4. Claims 1 and 58-66 are rejected under 35 U.S.C. 102(b) as being anticipated by Forest et al (Forest) (U. S. 5,105,283).

With respect to claims 1 and 58-66, Forest discloses a print layout device (figure 1) for providing a layout for a recording sheet comprising means for setting a margin for a sheet (which reads on providing a center margin for binding) (column 6, lines 54-65); means for re-sizing input data (reducing the documents to 90 percent of their original size) (column 6, lines 54-55) in each of one or more logical pages (which reads on scanned documents) (column 6, lines 14-30) in consonance with a print area of a physical page (receiver sheet) (column 6, lines 54-65) based on the set margin (column 6, lines 54-65); generating print data to be printed based on the re-sized

Art Unit: 2622

data (column 6, lines 54-65), wherein the margin setter is capable of setting a binding margin adjacent a center line in a sheet (figure 11) such that the sheet is folded along a line in the binding margin for bookbinding (figures 11 and 12, the abstract, lines 10-17, column 2, lines 4-15, and column 6, lines 54-65), the resizing (reducing) means arranges the resized input data based on the binding margin (column 6, lines 54-65). Additionally, Forest discloses printing plural pages on one sheet (figures 11 and 12) and centering the images on the printable area (column 6, lines 54-65).

5. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

6. Claims 1 and 58-61 are rejected under 35 U.S.C. 102(b) as being anticipated by Takahashi et al (Takahashi) (U. S. 5,839,033).

With respect to claims 1 and 58-61, Takahashi discloses a print layout device (figure 1) for providing a layout for a recording sheet comprising means for setting a margin for a sheet (the abstract, lines 1-2); means for re-sizing (reducing) input data in each of one or more logical pages (column 10, lines 38-47) in consonance with a print area (region) of a physical page (column 10, lines 38-47) based on the set margin (column 10, lines 38-47); generating print data to be printed based on the re-sized data (column 10, lines 38-53), wherein the margin setter is capable of

Art Unit: 2622

setting a binding margin adjacent a center line in a sheet (figure 14) such that the sheet is folded along a center line in the binding margin for bookbinding (intermediately bound) (figure 14, column 9, lines 1-24, and column 10, lines 38-52), the resizing (reducing) means arranges the resized input data based on the binding margin (column 10, lines 38-53). Additionally, Takahashi discloses printing plural pages on one sheet (figure 14).

Claim Rejections - 35 USC § 103

7. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

8. Claims 62-66 are rejected under 35 U.S.C. 103(a) as being unpatentable over Takahashi in view of Forest.

With respect to claims 62-66, Takahashi discloses a print layout device (figure 1) for providing a layout for a recording sheet comprising means for setting a margin for a sheet (the abstract, lines 1-2); means for re-sizing (reducing) input data in each of one or more logical pages (column 10, lines 38-47) in consonance with a print area (region) of a physical page (column 10, lines 38-47) based on the set margin (column 10, lines 38-47); generating print data to be printed based on the re-sized data (column 10, lines 38-53), wherein the margin setter is capable of

Art Unit: 2622

setting a binding margin adjacent a center line in a sheet (figure 14) such that the sheet is folded along a center line in the binding margin for bookbinding (intermediately bound) (figure 14, column 9, lines 1-24, and column 10, lines 38-52), the resizing (reducing) means arranges the resized input data based on the binding margin (column 10, lines 38-53), and printing plural pages on one sheet (figure 14).

Takahashi differs from claims 62-66 in that he does not clearly disclose centering the input data on the printable area.

Forest discloses a method for arranging signatures on a sheet wherein the images are centered on the sheet (column 6, lines 54-62). Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention to have modified Takahashi wherein the input data is centered on the printable area. It would have been obvious to one of ordinary skill in the art at the time of the invention to have modified Takahashi by the teaching of Forest in order to provide the optimum document package as disclosed by Forest in column 6, lines 54-68.

9. Claims 1 and 58-66 are rejected under 35 U.S.C. 103(a) as being unpatentable over Gabbe in view of Forest.

With respect to claims 1 and 58-66, Gabbe discloses a print layout device (figure 1) for providing a layout for a recording sheet comprising means for setting a margin for a sheet (column 7, lines 38-46); means for re-sizing (scaling) input data in each of one or more logical (application) pages (column 6, lines 21-27 and 45-68) in consonance with a print area (usable area

Art Unit: 2622

on the sheet) of a physical page (column 6, lines 45-54) based on the set margin (column 7, lines 38-53); generating print data to be printed based on the re-sized data (column 6, lines 55-68), wherein the margin setter is capable of setting a binding margin adjacent a center line for bookbinding (column 6, lines 8-13), the resizing (scaling) means arranges the resized input data based on the binding margin (column 5, line 57 to column 6, line 27). Additionally, Gabbe discloses printing plural pages on one sheet (column 5, line 57 to column 6, line 27) and centering the images (which reads on achieving the best fit) (the abstract, lines 1-7).

Gabbe differs from claims 1 and 58-66 in that although he discloses binding the sheets so that they face each other (column 6, lines 8-14), he does not clearly disclose folding the sheet along a line in the binding margin for bookbinding. Forest discloses setting a binding margin adjacent a center line in a sheet (figure 11) such that the sheet is folded along a line in the binding margin for bookbinding (figures 11 and 12, the abstract, lines 10-17, column 2, lines 4-15, and column 6, lines 54-65). Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention to have modified Gabbe to fold the sheet along a line in the binding margin for bookbinding. It would have been obvious to one of ordinary skill in the art at the time of the invention to have modified Gabbe by the teaching of Forest in order to easily allow the formation of booklets.

Art Unit: 2622

Response to Arguments

10. Applicant's arguments with respect to claims 1 and 58-66 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

11. All claims are rejected.

12. Applicant's amendment necessitated the new grounds of rejection. Accordingly, **THIS ACTION IS MADE FINAL**. See M.P.E.P. § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 C.F.R. § 1.136(a).

A SHORTENED STATUTORY PERIOD FOR RESPONSE TO THIS FINAL ACTION IS SET TO EXPIRE THREE MONTHS FROM THE DATE OF THIS ACTION. IN THE EVENT A FIRST RESPONSE IS FILED WITHIN TWO MONTHS OF THE MAILING DATE OF THIS FINAL ACTION AND THE ADVISORY ACTION IS NOT MAILED UNTIL AFTER THE END OF THE THREE-MONTH SHORTENED STATUTORY PERIOD, THEN THE SHORTENED STATUTORY PERIOD WILL EXPIRE ON THE DATE THE ADVISORY ACTION IS MAILED, AND ANY EXTENSION FEE PURSUANT TO 37 C.F.R. § 1.136(a) WILL BE CALCULATED FROM THE MAILING DATE OF THE ADVISORY ACTION. IN NO EVENT WILL THE STATUTORY PERIOD FOR RESPONSE EXPIRE LATER THAN SIX MONTHS FROM THE DATE OF THIS FINAL ACTION.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mark Wallerson whose telephone number is (703) 305-8581.

Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 305-4700.

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks
Washington, DC 20231

Art Unit: 2622

or faxed to:

(703) 872-9314 (for formal communications intended for entry)

(for informal or draft communications, such as proposed amendments to be discussed at an interview; please label such communications "PROPOSED" or "DRAFT")

or hand-carried to:

Crystal Park Two
2121 Crystal Drive
Arlington, VA.
Sixth Floor (Receptionist)

MARK WALLERSON
PRIMARY EXAMINER



Mark Wallerson